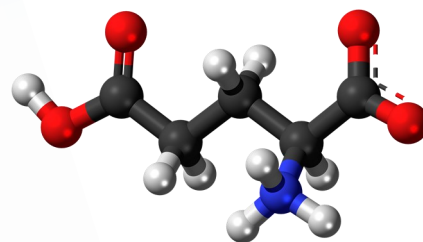


# L-Glutamic Acid

INCI Name: Glutamic Acid

CAS Numbers: 56-86-0



## Description:

L-glutamic acid is classified as a nonessential amino acid. It may help nerve cells send and receive information from other cells. L-glutamic acid is used as a component of parenteral (intravenous) and enteral (tube feeding) nutrition. The sodium salt is used in a large quantities as a seasoning. L-glutamic acid has the greatest demand of any single amino acid, exceeding 1.5 million tons per year on a global basis. L-glutamic acid is manufactured by fermentation from carbohydrate sources.

## Technical Data:

Tests	Unit	Specification
Identification		
Assay	%	>99.00
Heavy metals (as Pb)	ppm	<10.00
Lead	ppm	<5.00
Loss on Drying	%	<0.30
Residue on Ignition	%	<0.30
Specific Rotation @ 20°C (+)	deg	31.50 - 32.20
Arsenic	ppm	<1.00
Chloride	%	<0.020
Standard Plate Count	CFU	<1000
Coliform		
E. Coli (cfu/g)		
Salmonella (cfu/g)		

## Applications:

Used as a supplement for weight training and body building to support muscle growth while reducing the impact on the immune system. Also used under certain medical conditions such as serious burns and infections.



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